

**HUMAN RESOURCES OFFICE - CALIFORNIA NATIONAL GUARD
TECHNICIAN VACANCY ANNOUNCEMENT**

VACANCY ANNOUNCEMENT #

10-275A

OPEN PERIOD:

10/25/2010 – 11/24/2010

JOB TITLE:

Environmental Engineer

PAY GRADE AND SERIES:

GS-0819-12

PAY RANGE:

\$68,809 - \$89,450

POSITION LOCATION:

Fresno, CA.

UNIT:

144th FW

PDCN #: D0822000

Security Clearance Required:

Secret

APPOINTMENT TYPE: PERMANENT - DUAL STATUS

AREA OF CONSIDERATION: ALL SOURCES

Military grade of O-1 through O-4.

Compatible Military Grade Assignment: AFSC: Any Officer.

Key Requirements:

THIS IS A PERMANENT POSITION

Serves as the environmental engineer for an Air National Guard installation. This position is located in the Base Environmental Management Office as the environmental program manager at all ANG units with flying missions, Civil Engineering Red Horse Units, Combat Readiness Training Centers, and Geographically Separated Units with statewide geographical responsibilities.

Recruitment/Relocation Incentive/Advance in Hiring Rate Based on Superior Qualification IS NOT authorized.

PAYMENT OF PERMANENT CHANGE OF STATION (PCS): Payment of Permanent Change of Station (PCS) IS NOT authorized, based on a determination that PCS move is not in the Government interest

SUBJECT to NIGHT and/or ROTATING SHIFTS.

Position Requires Travel: Infrequent/Rare.

A) Degree: Professional Engineering. To be acceptable, the curriculum must: (1) be in a school of engineering with at least one curriculum accredited by the Accreditation Board for Engineering and Technology (ABET) as a professional engineering curriculum; or (2) include differential and integral calculus and courses (more advanced than first-year physics and chemistry) in five of the following seven areas of engineering science or physics: (a) statistics, dynamics; (b) strength of materials (stress-strain relationships); (c) fluid mechanics, hydraulics; (d) thermodynamics; (e) electrical fields and circuits; (f) nature and properties of materials (relating particle and aggregate structure to properties); and (g) any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, soil mechanics, or electronics.

COPIES OF TRANSCRIPTS ARE REQUIRED FOR EDUCATION TO BE CREDITABLE

OR

B) Combination of education and experience -- college-level education, training, and/or technical experience that furnished (1) a thorough knowledge of the physical and mathematical sciences underlying professional engineering, and

(2) a good understanding, both theoretical and practical, of the engineering sciences and techniques and their applications to one of the branches of engineering.

The adequacy of such background must be demonstrated by one of the following:

1. **Professional registration**-- Current registration as a professional engineer by any State, the District of Columbia, Guam, or Puerto Rico. Absent other means of qualifying under this standard, those applicants who achieved such registration by means other than written test (e.g., State grandfather or eminence provisions) are eligible only for positions that are within or closely related to the specialty field of their registration. For example, an applicant who attains registration through a State Board's eminence provision as a manufacturing engineer typically would be rated only for manufacturing engineering positions.

2. **Written Test:** Evidence of having successfully passed the Engineer-in-Training (EIT) examination, or the written test required for professional registration, which is administered by the Boards of Engineering Examiners in the various States, the District of Columbia, Guam, and Puerto Rico. Applicants who have passed the EIT examination and have completed all the requirements for either (a) a bachelor's degree in engineering technology (BET) from an accredited college or university that included 60 semester hours of courses in the physical, mathematical, and engineering sciences, or (b) a BET from a program accredited by the Accreditation Board for Engineering and Technology (ABET) may be rated eligible for certain engineering positions at GS-05. Eligibility is limited to positions that are within or closely related to the specialty field of the engineering technology program. Applicants for positions that involve highly technical research, development, or similar functions requiring an advanced level of competence in basic science must meet the basic requirements in **paragraph A**.

Because of the diversity in kind and quality of BET programs, graduates of other BET programs are required to complete at least 1 year of additional education or highly technical work experience of such nature as to provide reasonable assurance of the possession of the knowledge, skills, and abilities required for professional engineering competence. The adequacy of this background must be demonstrated by passing the EIT examination.

3. **Specified academic courses**-- Successful completion of at least 60 semester hours of courses in the physical, mathematical, and engineering sciences and in engineering that included the courses specified in the basic requirements. The courses must be fully acceptable toward meeting requirements of a professional engineering curriculum as described in **paragraph A**.

4. **Related Curriculum** --Successful completion of a curriculum leading to a bachelor's degree in engineering technology or in an appropriate professional field, e.g., physics, chemistry, architecture, computer science, mathematics, hydrology, or geology, may be accepted in lieu of a degree in engineering, provided the applicant has had at least 1 year of professional engineering experience acquired under professional engineering supervision and guidance. Ordinarily there should be either an established plan of intensive training to develop professional engineering competence, or several years of prior professional engineering-type experience, e.g., in interdisciplinary positions.

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Additional Specialized Experience Requirement: GS-0819-12:

- One year equivalent to at least the GS-11 grade level.

KNOWLEDGE, SKILLS, AND ABILITIES: The following knowledge, skills, and abilities will be used to determine the best qualified applicants from which selection will be made:

1. Knowledge of the principles, practices, concepts and skill in environmental programs, sufficient to serve as the expert technical advisor on the various base environmental programs.
2. Knowledge and skill to adapt standard practices, equipment, and techniques in developing technical parameters and preparing justification for development of plans for improvement or alteration or the construction of new facilities, (e.g. sewer systems, water supply systems, hazardous waste management systems, oil/water separators, sluice gates, etc).
3. Knowledge of environmental engineering methods and techniques.
4. Knowledge and skill to assess the impact of the installation's activities regarding public safety, ecology, and environment involving matters which are directly or closely related to public welfare and the protection of natural resources.
5. Ability to utilize aspects of chemistry, biological science and public health that pertain to the control or elimination of pollutants.
6. Knowledge and skill in conducting inspections, evaluating violations and affecting corrective actions.

CONDITIONS OF EMPLOYMENT:

- Must qualify for appropriate level of security clearance required for the position.
- Must maintain a compatible military unit, grade, and job assignment within the CA Air National Guard and wear appropriate military uniform and comply with required grooming standards.

HOW TO APPLY:

1. Submit an Optional Form (OF) 612, Optional Application for Federal Employment **OR** a current résumé*.
2. Submit any required documents (see Required Documents below).
3. Submit application package and title file "Résumé" or "Application" with your first and last name to the California National Guard – HRO Office via email at: NGCAHRJOBSTECH@NG.ARMY.MIL
4. Please ensure that the Vacancy Announcement number and position title is indicated in the "subject" line of email.
5. When emailing documents, please submit them in one PDF file or Word file if possible.
6. When emailing documents **PLEASE TRY TO LIMIT THE DOCUMENT TO 5 PAGES OR LESS**. Large files or documents will be rejected by the email server and will not be viewable for rating of qualifications by this office.

CONTACT THE HRO STAFFING TEAM AT (916) 854-3350 IF YOU DO NOT RECEIVE CONFIRMATION OF RECEIPT EMAIL WITHIN 2 BUSINESS DAYS

****FOR HELP WITH WRITING A RESUME, PLEASE FOLLOW THIS LINK****

REQUIRED DOCUMENTS (Application Packet):

- OF 612, Optional Application for Federal Employment **OR** current résumé* (mandatory)
- **Air Force:** Copy of Records Review RIP within last 30 days;
- **Army:** Copy of Personnel Qualification Record within last 30 days
- Transcripts, if applicable

OPTIONAL DOCUMENT (Application Packet):

- SF 181, Ethnicity and Race Identification Form

THE FOLLOWING DOCUMENTS ARE NOT ACCEPTABLE AS ATTACHMENTS TO APPLICATIONS: PHOTOGRAPHS, COPIES OF POSITION DESCRIPTIONS, TRAINING CERTIFICATES, PERFORMANCE RATINGS (CIVILIAN OR MILITARY), AWARD CERTIFICATES OR LETTERS OF APPRECIATION.

***CREDITING EXPERIENCE: NATIONAL GUARD SERVICE MAY BE CREDITED AS FULL-TIME EXPERIENCE WHEN EVALUATED AGAINST THE QUALIFICATION REQUIREMENTS FOR A MILITARY TECHNICIAN POSITION. EXPERIENCE MUST BE DIRECTLY RELATED TO THE POSITION AND MUST BE DESCRIBED IN THE WORK EXPERIENCE SECTION OF THE APPLICATION AND/OR RÉSUMÉ. THE LEVEL OF EXPERIENCE IS DETERMINED BY THE ACTUAL DUTIES AND RESPONSIBILITIES PERFORMED. BE DESCRIPTIVE, A SIMPLE LIST OF JOB TITLES AND DATES WILL NOT SUFFICE.**

APPLICATION FORMS ARE AVAILABLE AT THE HUMAN RESOURCES OFFICE WEBSITE

www.calguard.ca.gov/cahr and at www.opm.gov/forms/ .

APPLICATIONS ARE ACCEPTED VIA EMAIL ONLY TO: NGCAHRJOBSTECH@NG.ARMY.MIL

The Human Resources Office will not accept applications via fax or mail without prior consideration from HRO Staffing. Résumés and Applications (OF 612) must include a valid return email address.

Upon receipt, the Human Resource Office will review your application packet to determine if it meets the minimum Qualifications Requirements and the Area of Consideration. The rating you receive is based on your application and supporting documents you provide. Please follow all instructions carefully. **Applications and/or résumés without a current return email will not be considered.** Errors or insufficient information may affect your rating. See the HRO website for additional tips on how to apply and résumé requirements.

ALL APPLICATIONS MUST BE RECEIVED IN THE HUMAN RESOURCES OFFICE (HRO) BY Midnight (Pacific Time) BY THE CLOSING DATE INDICATED ABOVE.

VETERANS PREFERENCE DOES NOT APPLY.

All California National Guard Technician Vacancy Announcements can be found on our job website. Questions about announcements or how to apply may be directed to HRO Staffing at (916) 854-3350 or via email to NGCAHRJOBSTECH@NG.ARMY.MIL

THE CALIFORNIA NATIONAL GUARD IS AN EQUAL OPPORTUNITY EMPLOYER